

# THERMAL BARRIER COATING MATERIAL

## Abstract of Disclosure

A coating material, particularly a thermal barrier coating, for a component intended for use in a hostile environment, such as the superalloy turbine, combustor and augmentor components of a gas turbine engine. The coating material is zirconia that is partially stabilized with yttria and to which lanthana, neodymia and/or tantala are alloyed to increase the impact resistance of the coating.

10063962

## Figures

Figure 1: A line graph showing the relationship between the number of figures and the number of pages. The x-axis represents the number of figures (0 to 10) and the y-axis represents the number of pages (0 to 10). The data points are as follows:

| Number of Figures | Number of Pages |
|-------------------|-----------------|
| 0                 | 0               |
| 1                 | 1               |
| 2                 | 2               |
| 3                 | 3               |
| 4                 | 4               |
| 5                 | 5               |
| 6                 | 6               |
| 7                 | 7               |
| 8                 | 8               |
| 9                 | 9               |
| 10                | 10              |